



Automation & Scheduled Tasks Guide

version 7.3.1 of May 23, 2026

Purpose of this Guide



This guide explains how to configure the Windows Scheduled Tasks used by the SB-ITM System.

The goal is to automate the daily execution timing of the main bots, while keeping the trader in control of the environment before market open.

The Scheduled Tasks are created through the SB-ITM scheduling script. The client does not need to manually create each Windows task one by one.

What the Automation Covers



The Scheduled Tasks automate the daily execution of the main SB-ITM components:

- Regime Bot
- Scan Bot
- Bridge Bot
- VPS Reboot
- Entry Bot
- Open Position Monitoring Bot

The timing is calculated automatically based on:

- the selected timezone
- the trader's availability
- the US market open time
- the required preparation sequence before trading

What Remains Manual



Some actions remain intentionally manual.

The trader is still responsible for:

- connecting to the VPS before the trading session
- checking that IB Gateway is running correctly
- starting or validating the Watchdog Bot when required
- completing the Interactive Brokers MFA validation in LIVE mode, if prompted
- checking account mode, cash, open positions, and risk parameters

Scheduled Tasks automate timing. They do not replace trader supervision.

Script Location

The Scheduled Tasks are configured through the SB-ITM scheduling tool located in:

`C:\IBKR\BOT\system_a\scripts`

The file to launch is:

`A_SB-ITM_Scheduled_Tasks_Time_Calculator.bat`

This batch file opens the PowerShell scheduling tool.

The PowerShell script used behind the scenes is:

`A_SB-ITM_Scheduled_Tasks_Time_Calculator.ps1`



Modifying these scripts without SB-ITM guidance may result in limited or discontinued support for Scheduled Tasks related to the SB-ITM ecosystem.

Step 1: Select the Timezone



The tool first asks the user to select the relevant timezone.

Examples: New York / Chicago / Los Angeles / United Kingdom / Central Europe / India / Singapore / Australia / ...

The selected timezone is used to calculate the local execution time of each Scheduled Task.

Important: Windows Task Scheduler uses the local time configured on the VPS or PC/laptop.

Step 2: Enter Trader Availability



The tool then asks when the trader is usually available to connect to the VPS before the trading session.

This time is important because the automation sequence is built around the trader's availability window.

The trader can enter a time such as:

- 08:00
- 8:00 AM
- 14:00
- 2:00 PM

The tool uses this input to calculate whether the sequence is realistic and whether the bots can run in the correct order before market open.

Scheduled Tasks Created

The current automation sequence creates the following clean set of tasks:

Scheduled Task	Purpose
SB-ITM Regime Bot	Detects the market regime before the scan
SB-ITM Scan Bot	Runs the daily Morning Scan
SB-ITM Bridge Bot	Transfers selected candidates to the Entry Bot configuration
SB-ITM VPS Reboot	Reboots the VPS before the trader's manual session
SB-ITM Entry Bot	Starts the Entry Bot before US market open
SB-ITM Open Position Monitoring Bot	Starts the monitoring dashboard before market open

Automatic Task Creation

After calculating the schedule, the tool asks whether the user wants to automatically create the Scheduled Tasks.

If the user confirms, the script will:

- remove existing SB-ITM System Scheduled Tasks
- recreate the tasks using the calculated timing
- apply the correct task names
- save a TXT summary file for reference

The tool only targets SB-ITM System tasks. It does not remove unrelated Windows tasks.

TXT Summary File

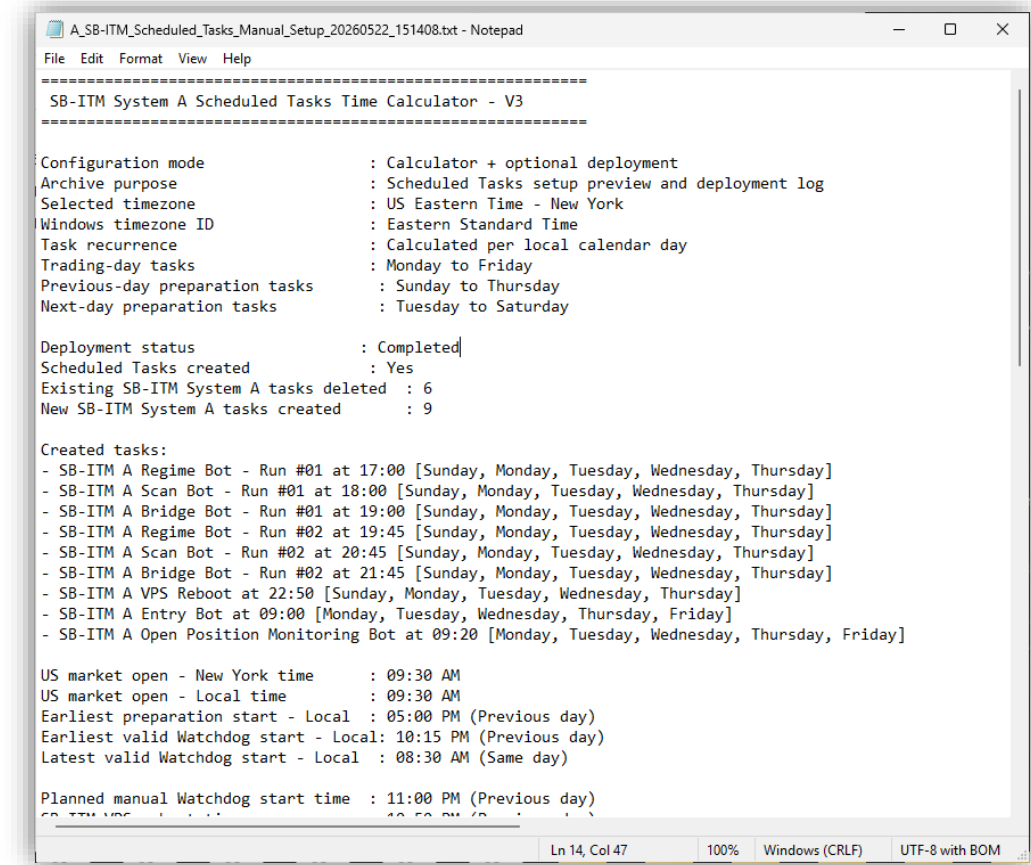
After execution, the tool generates a TXT summary file in:

C:\IBKR\BOT\system_a\output\scheduled_tasks

This file contains:

- selected timezone
- trader availability time
- calculated schedule
- Scheduled Tasks created
- task names
- execution times
- script paths used

This file can be kept for support, validation, or future reference.



```
A_SB-ITM_Scheduled_Tasks_Manual_Setup_20260522_151408.txt - Notepad
File Edit Format View Help
=====
SB-ITM System A Scheduled Tasks Time Calculator - V3
=====

Configuration mode           : Calculator + optional deployment
Archive purpose              : Scheduled Tasks setup preview and deployment log
Selected timezone            : US Eastern Time - New York
Windows timezone ID          : Eastern Standard Time
Task recurrence               : Calculated per local calendar day
Trading-day tasks            : Monday to Friday
Previous-day preparation tasks : Sunday to Thursday
Next-day preparation tasks    : Tuesday to Saturday

Deployment status             : Completed
Scheduled Tasks created       : Yes
Existing SB-ITM System A tasks deleted : 6
New SB-ITM System A tasks created : 9

Created tasks:
- SB-ITM A Regime Bot - Run #01 at 17:00 [Sunday, Monday, Tuesday, Wednesday, Thursday]
- SB-ITM A Scan Bot - Run #01 at 18:00 [Sunday, Monday, Tuesday, Wednesday, Thursday]
- SB-ITM A Bridge Bot - Run #01 at 19:00 [Sunday, Monday, Tuesday, Wednesday, Thursday]
- SB-ITM A Regime Bot - Run #02 at 19:45 [Sunday, Monday, Tuesday, Wednesday, Thursday]
- SB-ITM A Scan Bot - Run #02 at 20:45 [Sunday, Monday, Tuesday, Wednesday, Thursday]
- SB-ITM A Bridge Bot - Run #02 at 21:45 [Sunday, Monday, Tuesday, Wednesday, Thursday]
- SB-ITM A VPS Reboot at 22:50 [Sunday, Monday, Tuesday, Wednesday, Thursday]
- SB-ITM A Entry Bot at 09:00 [Monday, Tuesday, Wednesday, Thursday, Friday]
- SB-ITM A Open Position Monitoring Bot at 09:20 [Monday, Tuesday, Wednesday, Thursday, Friday]

US market open - New York time : 09:30 AM
US market open - Local time    : 09:30 AM
Earliest preparation start - Local : 05:00 PM (Previous day)
Earliest valid Watchdog start - Local: 10:15 PM (Previous day)
Latest valid Watchdog start - Local : 08:30 AM (Same day)

Planned manual Watchdog start time : 11:00 PM (Previous day)
SB-ITM VPS ... .. 10:50 PM (Previous day)

Ln 14, Col 47 100% Windows (CRLF) UTF-8 with BOM
```

Check Tasks in Windows Task Scheduler

After the script has created the tasks, the user can verify them in Windows Task Scheduler.

Open: **Task Scheduler**

Then look for the SB-ITM tasks:

- SB-ITM Regime Bot
- SB-ITM Scan Bot
- SB-ITM Bridge Bot
- SB-ITM VPS Reboot
- SB-ITM Entry Bot
- SB-ITM Open Position Monitoring Bot

The user should check: task status / trigger time / action path / last run time / last run result

A successful task execution usually shows: 0x0

Enable, Disable, or Run a Task Manually

A task can be managed directly from Windows Task Scheduler.

To disable a task:

- Right-click the task
- Select **Disable**

To enable it again:

- Right-click the task
- Select **Enable**

To run a task manually:

- Right-click the task
- Select **Run**

Manual execution is useful for testing, but production usage should rely on the calculated automation sequence.

Recreate the Scheduled Tasks

The recommended way to change the schedule is not to manually edit each task.

Instead:

- Relaunch the SB-ITM Scheduled Tasks Time Calculator
- Select the timezone
- Enter the trader availability time
- Review the proposed schedule
- Confirm automatic creation

The script will recreate the clean set of SB-ITM System Scheduled Tasks.

This avoids inconsistent timings between tasks.

Scheduled Tasks vs Bridge Bot Automation



SB-ITM uses two different automation layers.

Scheduled Tasks

Scheduled Tasks automate the timing of the bots. They define when the Regime Bot, Scan Bot, Bridge Bot, VPS Reboot, Entry Bot, and Monitoring Bot are launched.

Bridge Bot

The Bridge Bot automates the transfer of selected Scan Bot candidates into the Entry Bot configuration, based on the configured rules.

These two layers are independent.

A trader can use Scheduled Tasks while keeping the Bridge Bot disabled.

In that case, the daily bot sequence can still run automatically, but candidate validation and Entry Bot parameters remain under manual control.

Responsibility Reminder



Scheduled Tasks automate execution timing only.

They do not guarantee that:

- IB Gateway is connected
- market data is available
- the account is in the expected mode
- cash is sufficient
- risk parameters are correct
- trades should be executed

The trader remains responsible for checking the trading environment before allowing the system to operate.

Support and Assistance



In case of issues during deployment:

- Check that you are in the appropriate IBKR mode (LIVE or PAPER)
- Close all unnecessary windows and restart the **Watchdog Bot** if required.

SB-ITM Support:

- Technical support available via Fiverr
- Documentation provided
- Deployment assistance (optional)

Support Channels:

<https://www.fiverr.com/onoff0007>

<https://www.youtube.com/@SB-ITM>

Before contacting SB-ITM support, please run the **SB-ITM-SUPPORT** shortcut.

You can send the generated Support ZIP file to support@sb-itm.eu

This system is designed to support a structured and automated trading workflow once deployed.



Thank You

Get In Touch



Website:

www.sb-itm.eu



YouTube:

www.youtube.com/@SB-ITM



Email:

sebastien@sb-itm.eu



Address:

6600 Bastogne, Belgium

